

# Product Data Sheet

Septembre 2012

## D-Cure 622XB70

### Product description

**D-Cure 622XB70** is a polyamide adduct in xylene:butanol solution. This curing agent is characterised by outstanding mechanical properties (particularly flexibility and adhesion), excellent resistance to alkaline agents and excellent anti-corrosion properties. Compared with standard polyamides, it provides improved carbamation resistance to the final system. **D-Cure 622XB70** allows good cure even in highly humid environments (up to 70% r.h.) and at rather low temperature (down to 10°C). When used with solid resins (EEW  $\geq$  450), no induction period is required.

### Product applications

**D-Cure 622XB70** is used in combination with solvent-borne epoxy resins in the formulation of two-pack ambient curing systems. This product is particularly suited for the formulation of anti-corrosion primer paints.

### Product characteristics

Viscosity <sup>a</sup> @ 25°C	(mPa.s)	:	4000 - 10000
Gardner color		:	8 max
Specific gravity @ 20°C	(g/cm <sup>3</sup> )	:	0.94
Solids content	(wt %)	:	70
Solvents: xylene/butanol	(wt %)	:	30
HEW <sup>b</sup>	(g/mol H)	:	350

a Brookfield viscosity    b HEW : Hydrogen Equivalent Weight (g/mol) for product as supplied

### System characteristics

phr <sup>c</sup> with type 1 solid resin	(EEW <sup>d</sup> = 450 - 500)	:	70
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c phr : Parts per Hundred parts of Resin    d EEW : Epoxy Equivalent Weight (g/mol) for solid resin

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The information provided is to the best of our knowledge reliable but its accuracy is not guaranteed and no warranty of this kind is made